Amendments to the Specification

Please replace the title as follows:

~~A THREAD-IMPLANTING MACHINE~~

FLOCKING MACHINE

Please replace the paragraph beginning on page 1, line 3, with the following rewritten paragraph:

This invention relates to a ~~thread-implanting~~ flocking machine to implant a number of threads into the base cloth and produce carpets and mats, etc.

Please replace the paragraph beginning on page 1, line 6, with the following rewritten paragraph:

For the ~~thread-implanting~~ flocking machine of the base cloth, refer to Figure 12 for the explanation of producing a carpet.

Please replace the paragraph beginning on page 1, line 11, with the following rewritten paragraph:

A needle 105 that moves up and down is placed in the body of the ~~thread-implanting~~ flocking machine (not shown in the figure) and the thread 101 from a stock bobbin (not shown in the figure) is inserted through a pinhole 105a that is at the tip of the needle 105. In addition, a pivot shaft 107 is placed underneath the needle 105 that oscillates by an oscillating mechanism (not shown in the figure) in response to the vertical movement of said needle 105, and an L-shaped shuttle hook 108 is attached to this pivot shaft 107. A sharp point 108a of

this shuttle hook 108 is inserted into an after-mentioned thread loop that is formed by the thread 105, and a cutting blade 108b is placed underneath the point 108a. Moreover, a thread cutting blade 112 that is able to slide against the cutting blade 108b of said shuttle hook 108 moves up and down using an ascending-descending shaft 113 as a supporting point in response to the vertical movement of said needle 105.

Please replace the paragraph beginning on page 3, line 2, with the following rewritten paragraph:

The needle on the ~~thread implanting~~ flocking machine of this invention has thread through its pinhole and runs up and down through the surface and undersurface of base cloth. In addition, the hook shaft turns in response to the vertical movement of this needle. Then, the turning hook, which has the turning hook blade and is attached to the hook shaft, and the ascending-descending blade by the turn of said hook shaft, cuts the thread, and sequentially, the thread is implanted. Therefore, because the turning hook (turning hook blade) cuts the thread with the ascending-descending blade while implanting, the noise is reduced.

Please replace the paragraph beginning on page 3, line 13, with the following rewritten paragraph:

In addition, because the ~~thread implanting~~ flocking machine of this invention has a rotary vane ,attached, it can prevent the accumulation of thread waste and makes it possible to stitch at high speeds.

Please replace the paragraph beginning on page 3, line 16, with the following rewritten paragraph:

Figure 1 is the overall view of the ~~thread implanting~~ flocking machine.

Please replace the paragraph beginning on page 3, line 25, with the following rewritten paragraph:

Figure 10 is a drawing of the components of the ~~thread-implanting~~ flocking machine that the rotary vane is attached.

Please replace the paragraph beginning on page 3, line 28, with the following rewritten paragraph:

Figure 12 is the basic concept of an existing ~~thread-implanting~~ flocking machine.

Please replace the paragraph beginning on page 4, line 3, with the following rewritten paragraph:

For the ~~thread-implanting~~ flocking machine that produces carpets etc. by implanting into base cloth, refer to Figure 1 that shows the entirety and Figure 2 that shows components underneath the needle 51.

Please replace the paragraph beginning on page 4, line 9, with the following rewritten paragraph:

Moreover, there is the hook turning extension arm 60 underneath the body of the ~~thread-implanting~~ flocking machine 50, and the hook shaft 6 that turns in synchronization with the ascending-descending mechanism of said needle 51 is placed on the inside of this hook turning extension arm 60. In other words, it is a cycle in which the rotation is made from the top dead center of the needle 51 (on the surface of the implanting cloth 54) to the

bottom dead center of the needle 51 (on the undersurface of the implanting cloth 54) to the top dead center of the needle 51 (on the surface of the implanting cloth 54) .

Please replace the paragraph beginning on page 6, line 20, with the following rewritten paragraph:

As seen above, because the ~~thread-implanting~~ flocking machine of this invention cuts thread with turning hook blade 5 and ascending-descending blade 10 when turning hook 1 turns, it moves smoothly unlike the oscillating movement of existing shuttle hooks and is able to implant quietly.

Please replace the paragraph beginning on page 6, line 26, with the following rewritten paragraph:

Moreover, Figure 10 shows the components underneath the needle 51 that have another structure, but a component that is different from the ~~thread-implanting~~ flocking machine shown in Figure 2 is rotary vane 40. Additionally, a turning hook IA is a discotic that has falcate hook 4 and the turning hook blade 5 and has a different shape than said turning hook 1, but it has the same function.

Please replace the paragraph beginning on page 7, line 13, with the following rewritten paragraph:

In addition, this rotary vane 40 can be attached to the hook shaft that oscillates as well as the turning shaft 6 that turns to one direction, and it goes without saying that it is possible to apply this to various sorts of sewing machine etc. as well as ~~thread-implanting~~ flocking machine. For example, the thread 55 is inserted through pinhole 51a, and base cloth 54 is sewn by needle 51 that runs up and down through the surface and undersurface of base cloth

54 and the bobbin thread (not shown in the figure), in other words, for the ~~thread implanting~~ flocking machine that does not cut thread 55, because the accumulated thread waste can be removed by the winds from rotary vane 40 that is attached to a shaft that turns in one direction or oscillates, it is possible to stitch at high speeds.

Please replace the Abstract with the attached amended Abstract.